Amendments to the Specification

Please replace the paragraph beginning at page 9, line 12, with the following rewritten paragraph:

-- Any suitable hardware or software system may be used to monitor and feedback control signals to the integrated actuator meniscus mirror according to this invention. One such system is illustrated in Fig. 10 by way of example and not limitation. There microprocessor 70 drives I/O device 72 to provide voltages to actuators ~~18~~ 30". The zygo image 74 is generated from mirror surface 14, Fig. 10. Microprocessor 70 is configured with software to establish a reference figure 76 and then establish for each actuator an influence function on its associated nodes or zones 78. The mirror is then exposed to a distorting environment 80 and once again measured in step 82. The reference is then subtracted from the measurement to get residual error 84 and the residual error is decomposed 86 into actuator commands which are then applied to actuator 88 through I/O device 72 to provide the proper voltages to actuators ~~18~~ 30". This routine is carried out repeatedly in order to keep the mirror at the optimum shape. Although the preferred embodiment discussed above is generally of the zonal type the integrated actuator meniscus mirror of this inventor may be implemented as a model type or any other type. --